

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S51	1	"6744113"	DERWENT	OR	ON	2006/01/04 14:09
S13	4	S12 and (257/374,510-522.ccls.)	US-PGPUB; USPAT	OR	ON	2006/01/04 14:10
S55	4	S54 and (hdp with cvd with (complete or entire or entirety))	US-PGPUB; USPAT	OR	ON	2006/01/04 14:11
S44	4	S42 and (hdp with cvd with (complete or entire or entirety))	US-PGPUB; USPAT	OR	ON	2006/01/04 14:11
S57	19	S56 and (((fluorine or halogen) with (oxide or dioxide or sio or "sio.sub.2")) or fsg) with (trench or groove))	US-PGPUB; USPAT	OR	ON	2006/01/04 14:12
S56	398	(hdp with cvd with (trench or groove) with (oxide or dioxide or sio or "sio.sub.2"))	US-PGPUB; USPAT	OR	ON	2006/01/04 14:12
S46	17	S45 and (((fluorine or halogen) with (oxide or dioxide or sio or "sio.sub.2")) or fsg) with (trench or groove))	US-PGPUB; USPAT	OR	ON	2006/01/04 14:12
S58	290	((sin or "si.sub.3n.sub.4" or "si.sub.3 n.sub.4" or (silicon adj (nitride or oxynitride)) or sion or amorphous or nitrided or oxide or dioxide or sio or "sio.sub.2") with (trench or groove)) and (((fluorine or halogen) with (oxide or dioxide or sio or "sio.sub.2")) or fsg) with (trench or groove))	US-PGPUB; USPAT	OR	ON	2006/01/04 14:23
S52	110	((sin or "si.sub.3n.sub.4" or "si.sub.3 n.sub.4" or (silicon adj (nitride or oxynitride)) or sion or amorphous or nitrided or oxide or dioxide or sio or "sio.sub.2") with (trench or groove) with (first or 1st) not ((first or 1st) adj "embodiment")) and (((fluorine or halogen) with (oxide or dioxide or sio or "sio.sub.2")) or fsg) with (trench or groove))	US-PGPUB; USPAT	OR	ON	2006/01/04 14:23
S61	6	S60 not S53	US-PGPUB; USPAT	OR	ON	2006/01/04 14:24
S53	5	S52 and (257/374,510-522.ccls.)	US-PGPUB; USPAT	OR	ON	2006/01/04 14:24
S54	110	((sin or "si.sub.3n.sub.4" or "si.sub.3 n.sub.4" or (silicon adj (nitride or oxynitride)) or sion or amorphous or nitrided or oxide or dioxide or sio or "sio.sub.2") with (trench or groove) with (first or 1st) not ((first or 1st) adj "embodiment")) and (((fluorine or halogen) with (oxide or dioxide or sio or "sio.sub.2")) or fsg) with (trench or groove))	US-PGPUB; USPAT	OR	ON	2006/01/04 14:32
S65	6	S64 not (S60 or S53)	US-PGPUB; USPAT	OR	ON	2006/01/04 14:33
S64	7	S63 and (257/374,510-522.ccls.)	US-PGPUB; USPAT	OR	ON	2006/01/04 14:33
S60	10	S59 and (257/374,510-522.ccls.)	US-PGPUB; USPAT	OR	ON	2006/01/04 14:33
S59	226	S58 and (@ad<"20030305" or @rlad<"20030305")	US-PGPUB; USPAT	OR	ON	2006/01/04 14:33
S66	1115	((sin or "si.sub.3n.sub.4" or "si.sub.3 n.sub.4" or (silicon adj (nitride or oxynitride)) or sion or amorphous or nitrided or oxide or dioxide or sio or "sio.sub.2") with (trench or groove)) and ((hdp or plasme) with (oxide or dioxide or sio or "sio.sub.2") with (trench or groove))	US-PGPUB; USPAT	OR	ON	2006/01/04 14:34
S62	156	((sin or "si.sub.3n.sub.4" or "si.sub.3 n.sub.4" or (silicon adj (nitride or oxynitride)) or sion or amorphous or nitrided or oxide or dioxide or sio or "sio.sub.2") with (trench or groove) with (first or 1st) not ((first or 1st) adj "embodiment")) and (((doped or dopant or doping or dope) near (oxide or dioxide or sio or "sio.sub.2")) or fsg) with (trench or groove))	US-PGPUB; USPAT	OR	ON	2006/01/04 14:34

S69	10	S68 and (@ad<"20030305" or @rlad<"20030305")	US-PGPUB; USPAT	OR	ON	2006/01/04 14:35
S67	2717	((sin or "si.sub.3n.sub.4" or "si.sub.3 n.sub.4" or (silicon adj (nitride or oxynitride)) or sion or amorphous or nitrided or oxide or dioxide or sio or "sio.sub.2") with (trench or groove)) and ((hdp or plasma) with (oxide or dioxide or sio or "sio.sub.2") with (trench or groove))	US-PGPUB; USPAT	OR	ON	2006/01/04 14:35
S68	11	((sin or "si.sub.3n.sub.4" or "si.sub.3 n.sub.4" or (silicon adj (nitride or oxynitride)) or sion or amorphous or nitrided or oxide or dioxide or sio or "sio.sub.2") with (trench or groove)) and ((hdp or plasma) with (fsg) with (trench or groove))	US-PGPUB; USPAT	OR	ON	2006/01/04 14:53
S63	123	S62 and (@ad<"20030305" or @rlad<"20030305")	US-PGPUB; USPAT	OR	ON	2006/01/04 14:54
S70	4	((sin or "si.sub.3n.sub.4" or "si.sub.3 n.sub.4" or (silicon adj (nitride or oxynitride)) or sion or amorphous or nitrided or oxide or dioxide or sio or "sio.sub.2") with (trench or groove)) and ((line or lining or lined) with (fsg or fluoro or (fluoro adj silicate) or fluoro\$1silicate) with (trench or groove))	US-PGPUB; USPAT	OR	ON	2006/01/04 14:56
S74	2	S73 and hdp	US-PGPUB; USPAT	OR	ON	2006/01/04 14:57
S71	4	S70 and (@ad<"20030305" or @rlad<"20030305")	US-PGPUB; USPAT	OR	ON	2006/01/04 14:57
S72	123	((sin or "si.sub.3n.sub.4" or "si.sub.3 n.sub.4" or (silicon adj (nitride or oxynitride)) or sion or amorphous or nitrided or oxide or dioxide or sio or "sio.sub.2") with (trench or groove)) and ((line or lining or lined) with (fsg or fluoro or (fluoro adj silicate) or fluoro\$1silicate or psg or bpsg or (doped near (oxide or sio or dioxide or "sio.sub.2"))) with (trench or groove))	US-PGPUB; USPAT	OR	ON	2006/01/04 14:58
S73	104	S72 and (@ad<"20030305" or @rlad<"20030305")	US-PGPUB; USPAT	OR	ON	2006/01/04 15:00
S78	25709	S77 and (@ad<"20030305" or @rlad<"20030305")	US-PGPUB; USPAT	OR	ON	2006/01/04 15:01
S75	30	((sin or "si.sub.3n.sub.4" or "si.sub.3 n.sub.4" or (silicon adj (nitride or oxynitride)) or sion or amorphous or nitrided or oxide or dioxide or sio or "sio.sub.2") with (trench or groove)) and (((line or lining or lined) near (trench or groove)) with (fsg or fluoro or (fluoro adj silicate) or fluoro\$1silicate or bpsg or (doped near (oxide or sio or dioxide or "sio.sub.2")) or psg))	US-PGPUB; USPAT	OR	ON	2006/01/04 15:01
S79	28	S78 and (((line or lining or lined) near (trench or groove)) with (fsg or fluoro or (fluoro adj silicate) or fluoro\$1silicate or bpsg or (doped near (oxide or sio or dioxide or "sio.sub.2")) or psg))	US-PGPUB; USPAT	OR	ON	2006/01/04 15:05
S82	10	((sin or "si.sub.3n.sub.4" or "si.sub.3 n.sub.4" or (silicon adj (nitride or oxynitride)) or sion or amorphous or nitrided or oxide or dioxide or sio or "sio.sub.2") with (trench or groove) with barrier with fsg)	US-PGPUB; USPAT	OR	ON	2006/01/04 15:21
S81	1590	((sin or "si.sub.3n.sub.4" or "si.sub.3 n.sub.4" or (silicon adj (nitride or oxynitride)) or sion or amorphous or nitrided or oxide or dioxide or sio or "sio.sub.2") with (trench or groove) with barrier)	US-PGPUB; USPAT	OR	ON	2006/01/04 15:21
S77	30592	((sin or "si.sub.3n.sub.4" or "si.sub.3 n.sub.4" or (silicon adj (nitride or oxynitride)) or sion or amorphous or nitrided or oxide or dioxide or sio or "sio.sub.2") with (trench or groove))	US-PGPUB; USPAT	OR	ON	2006/01/04 15:21
S76	28	S75 and (@ad<"20030305" or @rlad<"20030305")	US-PGPUB; USPAT	OR	ON	2006/01/04 15:22
S84	9	S83 and (@ad<"20030305" or @rlad<"20030305")	US-PGPUB; USPAT	OR	ON	2006/01/04 15:23

S89	20	((sti or (shallow adj trench or groove)) with fsg not interlayer)	US-PGPUB; USPAT	OR	ON	2006/01/04 15:24
S88	20	((sin or "si.sub.3n.sub.4" or "si.sub.3 n.sub.4" or (silicon adj (nitride or oxynitride)) or sion or amorphous or nitrided or oxide or dioxide or sio or "sio.sub.2") with (trench or groove) with barrier) and S86	US-PGPUB; USPAT	OR	ON	2006/01/04 15:24
S87	20	((sin or "si.sub.3n.sub.4" or "si.sub.3 n.sub.4" or (silicon adj (nitride or oxynitride)) or sion or amorphous or nitrided or oxide or dioxide or sio or "sio.sub.2") with (trench or groove) with barrier) and S86	US-PGPUB; USPAT	OR	ON	2006/01/04 15:24
S86	36	S85 and (@ad<"20030305" or @rlad<"20030305")	US-PGPUB; USPAT	OR	ON	2006/01/04 15:24
S85	43	((sti or (shallow adj trench or groove)) with fsg)	US-PGPUB; USPAT	OR	ON	2006/01/04 15:24
S83	10	((sin or "si.sub.3n.sub.4" or "si.sub.3 n.sub.4" or (silicon adj (nitride or oxynitride)) or sion or amorphous or nitrided or oxide or dioxide or sio or "sio.sub.2") with (trench or groove) with barrier with fsg)	US-PGPUB; USPAT	OR	ON	2006/01/04 15:24
S80	29	S78 and ((line or lining or lined or coat or coating or coated) near (trench or groove)) with (fsg or fluoro or (fluoro adj silicate) or fluoro\$1silicate or bpsg or (doped near (oxide or sio or dioxide or "sio.sub.2")) or psg)	US-PGPUB; USPAT	OR	ON	2006/01/04 15:25
S91	3	((sin or "si.sub.3n.sub.4" or "si.sub.3 n.sub.4" or (silicon adj (nitride or oxynitride)) or sion or amorphous or nitrided or oxide or dioxide or sio or "sio.sub.2") with (trench or groove) with barrier) and S90	US-PGPUB; USPAT	OR	ON	2006/01/04 15:27
S90	17	S89 and (@ad<"20030305" or @rlad<"20030305")	US-PGPUB; USPAT	OR	ON	2006/01/04 15:27
S94	43	S93 and (@ad<"20030305" or @rlad<"20030305")	US-PGPUB; USPAT	OR	ON	2006/01/04 15:30
S92	199	((sti or (shallow adj (trench or groove)) or (trench adj (isolation or isolating or insulation or insulating or oxide or dielectric))) with (fsg or fluoro or (fluoro adj silicate) or fluoro\$1silicate or bpsg or (doped near (oxide or sio or dioxide or "sio.sub.2")) or psg) not interlayer)	US-PGPUB; USPAT	OR	ON	2006/01/04 15:30
S97	3	((sin or "si.sub.3n.sub.4" or "si.sub.3 n.sub.4" or (silicon adj (nitride or oxynitride)) or sion or amorphous or nitrided or oxide or dioxide or sio or "sio.sub.2") with (trench or groove) with barrier) and S96	US-PGPUB; USPAT	OR	ON	2006/01/04 15:31
S95	25	((sti or (shallow adj (trench or groove)) or (trench adj (isolation or isolating or insulation or insulating or oxide or dielectric))) with (fsg or fluoro or (fluoro adj silicate) or fluoro\$1silicate) not interlayer)	US-PGPUB; USPAT	OR	ON	2006/01/04 15:31
S10 2	1	(radecker and joerg).in.	US-PGPUB; USPAT	OR	ON	2006/01/04 15:44
S10 1	10	radecker.in.	US-PGPUB; USPAT	OR	ON	2006/01/04 15:44
S10 4	3	("6033970" "6037018" "6057209").PN.	US-PGPUB; USPAT	OR	ON	2006/01/04 15:48
S10 3	5	(radecker and joerg).in.	EPO; JPO; DERWENT	OR	ON	2006/01/04 15:48
S96	21	S95 and (@ad<"20030305" or @rlad<"20030305")	US-PGPUB; USPAT	OR	ON	2006/01/04 15:56

S98	3	((sti or (shallow adj (trench or groove)) or (trench adj (isolation or isolating or insulation or insulating or oxide or dielectric))) with (fsg or fluoro or (fluoro adj silicate) or fluoro\$1silicate) not interlayer)	EPO; JPO; DERWENT	OR	ON	2006/01/04 15:57
S106	0	((sti or (shallow adj (trench or groove)) or (trench adj (isolation or isolating or insulation or insulating or oxide or dielectric))) with (fsg or fluoro or (fluoro adj silicate) or fluoro\$1silicate) not interlayer) and S105	US-PGPUB; USPAT	OR	ON	2006/01/05 17:04
S108	0	((sti or (shallow adj (trench or groove)) or (trench adj (isolation or isolating or insulation or insulating or oxide or dielectric))) with (fsg or fluoro or (fluoro adj silicate) or fluoro\$1silicate) not interlayer) and S107	US-PGPUB; USPAT	OR	ON	2006/01/05 17:05
S110	0	((partially) with (fsg or fluoro or (fluoro adj silicate) or fluoro\$1silicate) not interlayer) and S107	US-PGPUB; USPAT	OR	ON	2006/01/05 17:06
S114	0	((line or lining or lined or coat or coating or coated) with (fsg or fluoro or (fluoro adj silicate) or fluoro\$1silicate) not interlayer) and S113	US-PGPUB; USPAT	OR	ON	2006/01/05 17:07
S113	51	438/434.ccls.	US-PGPUB; USPAT	OR	ON	2006/01/05 17:07
S111	2	((line or lining or lined or coat or coating or coated) with (fsg or fluoro or (fluoro adj silicate) or fluoro\$1silicate) not interlayer) and S107	US-PGPUB; USPAT	OR	ON	2006/01/05 17:07
S116	0	((composite) with (fsg or fluoro or (fluoro adj silicate) or fluoro\$1silicate) not interlayer) and S113	US-PGPUB; USPAT	OR	ON	2006/01/05 17:08
S115	0	((trench or groove) with (fsg or fluoro or (fluoro adj silicate) or fluoro\$1silicate) not interlayer) and S113	US-PGPUB; USPAT	OR	ON	2006/01/05 17:08
S112	0	((sidewall) with (fsg or fluoro or (fluoro adj silicate) or fluoro\$1silicate) not interlayer) and S107	US-PGPUB; USPAT	OR	ON	2006/01/05 17:08
S109	1	((trench or groove) with (fsg or fluoro or (fluoro adj silicate) or fluoro\$1silicate) not interlayer) and S107	US-PGPUB; USPAT	OR	ON	2006/01/05 17:08
S93	47	((sin or "si.sub.3n.sub.4" or "si.sub.3.n.sub.4" or (silicon adj (nitride or oxynitride)) or sion or amorphous or nitrided or oxide or dioxide or sio or "sio.sub.2") with (trench or groove) with barrier) and S92	US-PGPUB; USPAT	OR	ON	2006/01/05 17:08
S120	10	S119 not S118	US-PGPUB; USPAT	OR	ON	2006/01/05 17:09
S118	2	((sin or "si.sub.3n.sub.4" or "si.sub.3.n.sub.4" or (silicon adj (nitride or oxynitride)) or sion or amorphous or nitrided or oxide or dioxide or sio or "sio.sub.2") with (trench or groove) with barrier) and S113	US-PGPUB; USPAT	OR	ON	2006/01/05 17:09
S121	253	438/433.ccls.	US-PGPUB; USPAT	OR	ON	2006/01/05 17:10
S119	11	((sin or "si.sub.3n.sub.4" or "si.sub.3.n.sub.4" or (silicon adj (nitride or oxynitride)) or sion or amorphous or nitrided or oxide or dioxide or sio or "sio.sub.2") with (trench or groove) with (line or lining or lined or coat or coating or coated or liner)) and S113	US-PGPUB; USPAT	OR	ON	2006/01/05 17:10
S107	558	438/435.ccls.	US-PGPUB; USPAT	OR	ON	2006/01/05 17:10
S126	0	((fsg or fluoro or (fluoro adj silicate) or fluoro\$1silicate) with (trench or groove)) and S113	US-PGPUB; USPAT	OR	ON	2006/01/05 17:11
S125	0	((fsg or fluoro or (fluoro adj silicate) or fluoro\$1silicate) with (trench or groove)) and S121	US-PGPUB; USPAT	OR	ON	2006/01/05 17:11
S124	0	((fsg or fluoro or (fluoro adj silicate) or fluoro\$1silicate) not interlayer) and S121	US-PGPUB; USPAT	OR	ON	2006/01/05 17:11

S12 3	0	((fsg or fluoro or (fluoro adj silicate) or fluoro\$1silicate) not interlayer) and S122	US-PGPUB; USPAT	OR	ON	2006/01/05 17:11
S11 7	0	((fsg or fluoro or (fluoro adj silicate) or fluoro\$1silicate) not interlayer) and S113	US-PGPUB; USPAT	OR	ON	2006/01/05 17:11
S12 2	57	((sin or "si.sub.3n.sub.4" or "si.sub.3 n.sub.4" or (silicon adj (nitride or oxynitride)) or sion or amorphous or nitrided or oxide or dioxide or sio or "sio.sub.2") with (trench or groove) with (line or lining or lined or coat or coating or coated or liner)) and S121	US-PGPUB; USPAT	OR	ON	2006/01/05 17:13
S10 5	9	"6057209" and (@ad<"20030305" or @rlad<"20030305")	US-PGPUB; USPAT	OR	ON	2006/01/05 17:14
S12 7	1	((fsg or fluoro or (fluoro adj silicate) or fluoro\$1silicate) with (trench or groove)) and S107	US-PGPUB; USPAT	OR	ON	2006/01/05 17:17
S13 1	0	((fsg or fluoro or (fluoro adj silicate) or fluoro\$1silicate) near (hdp or (high adj density) or high\$1density)) with (trench or groove) and S107	US-PGPUB; USPAT	OR	ON	2006/01/05 17:18
S13 5	1	S134 not S133	US-PGPUB; USPAT	OR	ON	2006/01/05 17:19
S13 7	12	((bpsg or (doped near (oxide or sio or dioxide or "sio.sub.2")) or psg or phosphosilicate or borophosphosilicate) near2 (hdp or (high adj density) or high\$1density)) with (trench or groove) not interlayer)	US-PGPUB; USPAT	OR	ON	2006/01/05 17:20
S13 4	6	((doped) near2 (hdp or (high adj density) or high\$1density)) with (trench or groove) not interlayer)	US-PGPUB; USPAT	OR	ON	2006/01/05 17:20
S12 8	38	((bpsg or (doped near (oxide or sio or dioxide or "sio.sub.2")) or psg) with (trench or groove)) and S107	US-PGPUB; USPAT	OR	ON	2006/01/05 17:20
S13 0	18	S129 and (@ad<"20030305" or @rlad<"20030305")	US-PGPUB; USPAT	OR	ON	2006/01/05 17:21
S13 3	5	((doped) near (hdp or (high adj density) or high\$1density)) with (trench or groove) not interlayer)	US-PGPUB; USPAT	OR	ON	2006/01/05 18:25
S14 3	63	((bpsg or (doped near (oxide or sio or dioxide or "sio.sub.2")) or psg or phosphosilicate or borophosphosilicate) with (trench or groove)) and S140	US-PGPUB; USPAT	OR	ON	2006/01/05 18:26
S14 0	1571	((hdp or ((high adj density) or high\$1density) near plasma)) with (trench or groove) not interlayer)	US-PGPUB; USPAT	OR	ON	2006/01/05 18:26
S13 8	6	S137 and (@ad<"20030305" or @rlad<"20030305")	US-PGPUB; USPAT	OR	ON	2006/01/05 18:26
S13 6	38	((bpsg or (doped near (oxide or sio or dioxide or "sio.sub.2")) or psg or phosphosilicate or borophosphosilicate) with (trench or groove)) and S107	US-PGPUB; USPAT	OR	ON	2006/01/05 18:26
S12 9	20	((sin or "si.sub.3n.sub.4" or "si.sub.3 n.sub.4" or (silicon adj (nitride or oxynitride)) or sion or amorphous or nitrided or oxide or dioxide or sio or "sio.sub.2") with (trench or groove) with (line or lining or lined or coat or coating or coated or liner)) and S128	US-PGPUB; USPAT	OR	ON	2006/01/05 18:26
S14 7	8	S146 and (@ad<"20030305" or @rlad<"20030305")	US-PGPUB; USPAT	OR	ON	2006/01/05 18:35
S14 6	9	"6180467"	US-PGPUB; USPAT	OR	ON	2006/01/05 18:35
S14 4	47	S143 and (@ad<"20030305" or @rlad<"20030305")	US-PGPUB; USPAT	OR	ON	2006/01/05 18:35
S15 1	1	((bpsg or (doped near (oxide or sio or dioxide or "sio.sub.2")) or psg or phosphosilicate or borophosphosilicate) with (trench or groove)) and S150	US-PGPUB; USPAT	OR	ON	2006/01/05 18:36

S15 0	8	("5447884" "5492858" "5763315" "5837612" "5940717" "5963816" "5985735" "5989978").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/05 18:36
S14 8	1	((bpsg or (doped near (oxide or sio or dioxide or "sio.sub.2")) or psg or phosphosilicate or borophosphosilicate) with (trench or groove)) and S147	US-PGPUB; USPAT	OR	ON	2006/01/05 18:36
S13 2	0	((fsg or fluoro or (fluoro adj silicate) or fluoro\$1silicate) near (hdp or (high adj density) or high\$1density)) with (trench or groove) not interlayer)	US-PGPUB; USPAT	OR	ON	2006/01/05 18:36
S15 4	177	S153 and (@pd<"20030305")	EPO; JPO; DERWENT	OR	ON	2006/01/05 18:37
S15 3	342	(((hdp or ((high adj density) or high\$1density) near plasma)) with (trench or groove) not interlayer)	EPO; JPO; DERWENT	OR	ON	2006/01/05 18:37
S14 9	0	((fsg or fluoro or (fluoro adj silicate) or fluoro\$1silicate) with (trench or groove) not interlayer) and S147	US-PGPUB; USPAT	OR	ON	2006/01/05 18:37
S13 9	1571	(((hdp or ((high adj density) or high\$1density) near plasma)) with (trench or groove) not interlayer)	US-PGPUB; USPAT	OR	ON	2006/01/05 18:37
S15 7	1110	S140 and (@ad<"20030305" or @riad<"20030305")	US-PGPUB; USPAT	OR	ON	2006/01/05 18:38
S15 2	0	((fsg or fluoro or (fluoro adj silicate) or fluoro\$1silicate) with (trench or groove) not interlayer) and S150	US-PGPUB; USPAT	OR	ON	2006/01/05 18:38
S14 2	47	S141 and (@ad<"20030305" or @riad<"20030305")	US-PGPUB; USPAT	OR	ON	2006/01/05 18:38
S14 1	63	((bpsg or (doped near (oxide or sio or dioxide or "sio.sub.2")) or psg or phosphosilicate or borophosphosilicate) with (trench or groove)) and S140	US-PGPUB; USPAT	OR	ON	2006/01/05 18:38
S15 9	8	((fsg or fluoro or (fluoro adj silicate) or fluoro\$1silicate) with (trench or groove) not interlayer) and S157	US-PGPUB; USPAT	OR	ON	2006/01/05 18:39
S15 8	123	438/435.ccls. and S157	US-PGPUB; USPAT	OR	ON	2006/01/05 18:39
S15 6	0	((fsg or fluoro or (fluoro adj silicate) or fluoro\$1silicate) with (trench or groove) not interlayer) and S154	EPO; JPO; DERWENT	OR	ON	2006/01/05 18:39
S8	13	438/435.ccls. and ((fluorine or halogen) with (oxide or dioxide or sio or "sio.sub.2"))	US-PGPUB; USPAT	OR	ON	2006/01/05 18:39
S16 3	45	((sin or "si.sub.3n.sub.4" or "si.sub.3 n.sub.4" or (silicon adj (nitride or oxynitride)) or sion or amorphous or nitrided or oxide or dioxide or sio or "sio.sub.2") with (trench or groove)) and S160	US-PGPUB; USPAT	OR	ON	2006/01/05 18:40
S16 2	0	S161 not S145	US-PGPUB; USPAT	OR	ON	2006/01/05 18:40
S16 1	38	((sin or "si.sub.3n.sub.4" or "si.sub.3 n.sub.4" or (silicon adj (nitride or oxynitride)) or sion or amorphous or nitrided or oxide or dioxide or sio or "sio.sub.2") with (trench or groove) with (line or lining or lined or coat or coating or coated or liner or barrier)) and S160	US-PGPUB; USPAT	OR	ON	2006/01/05 18:40
S16 0	47	((bpsg or (doped near (oxide or sio or dioxide or "sio.sub.2")) or psg or phosphosilicate or borophosphosilicate) with (trench or groove)) and S157	US-PGPUB; USPAT	OR	ON	2006/01/05 18:40
S15 5	0	((bpsg or (doped near (oxide or sio or dioxide or "sio.sub.2")) or psg or phosphosilicate or borophosphosilicate) with (trench or groove)) and S154	EPO; JPO; DERWENT	OR	ON	2006/01/05 18:40

S14 5	38	((sin or "si.sub.3n.sub.4" or "si.sub.3 n.sub.4" or (silicon adj (nitride or oxynitride)) or sion or amorphous or nitrided or oxide or dioxide or sio or "sio.sub.2") with (trench or groove) with (line or lining or lined or coat or coating or coated or liner or barrier)) and S144	US-PGPUB; USPAT	OR	ON	2006/01/05 18:40
S16 4	7	S163 not S145	US-PGPUB; USPAT	OR	ON	2006/01/05 18:41
S16 9	0	S167 and trench	EPO; JPO; DERWENT	OR	ON	2006/01/08 17:34
S16 8	0	S167 and semiconductor	EPO; JPO; DERWENT	OR	ON	2006/01/08 17:34
S16 7	14	(weber and heiko).in.	EPO; JPO; DERWENT	OR	ON	2006/01/08 17:34
S16 6	4	(weber and heiko).in.	US-PGPUB; USPAT	OR	ON	2006/01/08 17:34
S17 1	1	"6744113" and kuroi	EPO; JPO; DERWENT	OR	ON	2006/01/08 17:50
S17 0	0	S167 and hdp	EPO; JPO; DERWENT	OR	ON	2006/01/08 17:50